

HVAC Definite Purpose Magnetic Contactor 1-Pole

HCDP series definite purpose contactors are compact and offer three wiring methods: quick connect terminals, screws, or box lugs. These models come standard with combination quick connect terminals and screws compatible with hex, slotted, or Phillips screwdrivers.



ADDITIONAL IMAGES



Product Overview

High-Performance HVAC Definite Purpose Contactor

This 1-Pole magnetic contactor is engineered for reliable switching in HVAC and refrigeration systems, specifically designed for hermetic refrigeration compressor applications. It features CUL certification and supports a wide range of operational voltages from 24V to 277V AC. With a robust design capable of handling up to 50 Res Amps, it ensures efficient performance and long-lasting operation in demanding professional environments.

Electrical Ratings

Key Electrical Ratings

40 A

Full Load Amps (FLA)

50 A

Resistive Amps

1

Number of Poles

Voltage & Load Specifications

Voltage (VAC)	FLA (Amps)	LRA (Amps)
277	40	240
480	40	200
600	40	160

Coil Specifications

Coil Voltage	208/240VAC
Frequency	50/60Hz

Installation & Materials

Torque Requirements (CU 75°C)

- Screws: 20 in lbs
- Lugs: 40 in lbs

Recommended Conductor

Copper (CU) 75°C

Certifications & Compliance

Certifications

CUL Certified • E246810

Application

HVAC, Hermetic Refrigeration, AC Contactor

Service & Terms

OEM/ODM Support

Yes

Quality Control

100% self-inspection and testing before packing

Delivery Time

15-20 days after deposit